REFLECTION TYPE DISPLAY APPARATUS, REFLECTION TYPE DISPLAY APPARATUS MANUFACTURING METHOD, AND ELECTRONIC APPLIANCE USING THE SAME

ABSTRACT OF THE DISCLOSURE

[00130] In a reflection type display apparatus in which a forward lightening apparatus is arranged in front of a reflection type display panel, lowering of contrast occurred when the forward lightening apparatus is turned ON is In this reflection type display apparatus, the forward lightening apparatus is adhered via an adhesive layer to a front surface of the reflection type display panel having a reflection plane. The reflection plane is constituted by a large number of first very fine patterns having a spherical shape, and a large number of second very fine patterns whose front surfaces are inclined. External light which is vertically entered into the front surfaces is reflected by the first patterns, and thereafter, the reflected external light is projected as a display along a forward direction. The forward lightening apparatus is arranged by providing a light source on a side surface of a light conducting plate having a wedge shape. The light is obliquely projected from a rear surface of the light conducting plate to the reflection type display panel. The light which is obliquely projected from the forward lightening apparatus to the reflection type display panel is reflected by the second patterns, and thereafter, is projected along the substantially same directions as reflection light of the external light.

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